

ABSTRACT OF THE DISCLOSURE

[0049] A technique for managing physical and virtual resources within a multifunction chipset includes a resource manager in the form of a software agent that maintains a global resource namespace built from a list of parent-child object relationships. In general, the parent objects represent resource producers while the child objects represent resource consumers. By examining the various parent-child relationships in the global resource namespace, the resource manager can determine how the various system resources are being consumed. Interfaces are provided whereby software drivers can gain access to the global resource namespace information through the resource manager.